

Appl. No. 10/076,727  
Response Dated February 23, 2007  
Reply to Notice dated January 5, 2007

Lawrence Berkeley National Laboratory  
Attorney Docket No.: IB-1695

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### REMARKS

This communication is in response to an Office Action mailed 05 January 2007. A previous Office Action required Applicants to elect a single disclosed species for prosecution on the merits under 35 U.S.C. 121. In the response dated 27 September 2006, Applicants elected membrane proteins of the immunoglobulin superfamily as the final species of dopant for prosecution on the merits. However, Examiner has required election of a final species of dopant molecule that is a member of the immunoglobulin superfamily.

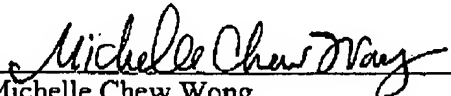
Applicants, therefore, elect major histocompatibility complex (MHC) protein as a final species of dopant molecule for prosecution on the merits under 35 U.S.C. 121. After election, claims 7-20, 25, and 26 encompass the elected invention in the current application and remain pending in the present application.

Additionally, Examiner requested clarification of the status of selectin and integrin. Selectin and integrin are additional protein families which are suitable protein dopants. They are not members of the Ig superfamily. Thus, claims 25 and 26 have been amended to remove them from the Markush groups. Applicants reserve the right to pursue the non-elected families in the present case in a divisional application or as provided under MPEP 821.04.

Accordingly, Applicants respectfully request prosecution of the pending claims in due course. Applicants believe all fees necessary for this amendment are submitted herewith. If any additional fee is necessary for entry of this amendment, then Office is hereby authorized to deduct that charge from Deposit Account 120690. If a telephone conference would, in any way, expedite prosecution of this matter, the Examiner is encouraged to contact the undersigned at (510) 495-2456.

Date: 23 February 2007

Respectfully submitted,

  
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